

# MAGNETIC RESONANCE IMAGING OF PROSTATE BRACHYTHERAPY SEEDS

## ABSTRACT OF THE DISCLOSURE

Two magnetic resonance images are acquired of seeds used in brachytherapy of the prostate with different pulse sequences. Phase images and magnitude images are reconstructed and a phase difference image is calculated and combined with the magnitude images. The magnitude images differentiate soft tissues and the phase difference image differentiates the locations of the seeds.

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